

Application No. 10/574,851
Reply to Official Action of October 15, 2010

IN THE DRAWINGS

The attached sheets of drawings includes changes to Fig. 1-4 and addition of Fig. 5. The sheets, which includes Fig. 1-5, replaces the original sheets including Fig. 1-4.

Attachment: Replacement Sheet

REMARKS/ARGUMENTS

Claims 21-23 and 31-38 are active and are directed to the elected subject matter.

The claims have been amended for clarity.

Claims 33-38 find support on pages 8-10.

New Figures 1-4 have been provided and a new figure 5 is provided in accordance with the requirement on pages 3-4 of the Action. Corresponding description has been added to the specification.

The specification is also amended to provide a section referencing the earlier filed applications to which priority is claimed.

No new matter is believed to have been added.

As requested in the Official Action at page 5, certified English translations of the priority documents are attached herewith.

On pages 5-7 of the Official Action, the Examiner has rejected the claims as lacking clarity under 35 USC 112, second paragraph. In the claim amendments submitted herein, Applicants have amended the claims to address most of these issues. Specifically, the controller is defined as controlling the putting of the sample, the stirring and the cooling. Applicants have included clarity as to the two-phase and uniform solutions to address the rejection pertaining to Claim 23. Regarding the “sampler” it can be the same or different as the sampler defined in Claim 21 but it is clear that in the context of Claim 23, the sampler puts something different into the reaction container. The stirrer in Claim 23 is the same but in the context of Claim 23 stirs the lows boiling point compound that facilitates the cooling of the reaction mixture without also cooling the reaction container. Claim 32 has been similarly amended.

Withdrawal of the rejection is requested.

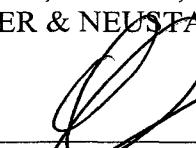
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On pages 7-9 of the Official Action, the Examiner rejects the claims as under 35 USC 102(b) or 35 USC 103(a) in view of US 2001/0036698 to Horhota. In Horhota, the cooling head references in paragraph [0068] (feature 3) does not directly cool the uniform solution without also cooling the reaction container. See Claim 21: “a cooler configured to be placed in the sample within the reaction container and which cools the uniform solution within the reaction container without cooling the reaction container” and Claim 31: “a cooling apparatus configured to be placed in the uniform solution within the reaction container and which cools the uniform solution within the reaction container without cooling the reaction container.” Thus, the rejections cannot be sustained.

A Notice of Allowance for all pending claims is requested.

Respectfully Submitted,

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